BANGALORE WATER SUPPLY AND SEWERAGE BOARD

Office of the Executive Engineer (WWM-STP) Challaghatta Valley Division,s
1st Floor, ShimshaBhavana, 46th Cross,8thBlock, Jayanagar, Bangalore-560070
Telephone – 080 29755035, E-mail – eestpcv@bwssb.gov.in

Tender for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP.

(Through Karnataka Public Procurement portal only)

https://www.kppp.karnataka.gov.in

TENDER REFERENCE	:	**No.BWSSB/EE(WWM-STP)CV/PB/ 513 /2024-25, Dt:07.02.2025.**
NAME OF WORK	:	**Tender for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP.**
DATE OF UPLOADING OF TENDER DOCUMENT	:	**17/02/2025.**
LAST DATE AND TIME OF SUBMISSION OF TENDER DOCUMENT	:	**04/03/2025. upto 16:00hrs**
TIME AND DATE OF OPENING OF TECHNICAL BID	:	**06/03/2025. after 17:00hrs**
TIME AND DATE OF OPENING OF FINANCIALBID		**13/03/2025. after 16:00hrs**
PLACE OF OPENING OF TENDER	:	Office of the Executive Engineer (WWM-STP) Challaghatta Valley Division, 1st Floor, ShimshaBhavana, 46th Cross,8th Block, Jayanagar, Bangalore, 560070

ADDRESS FOR COMMUNICATION	:	Office of the Executive Engineer (WWM-STP) Challaghatta Valley Division, 1st Floor, ShimshaBhavana, 46th Cross,8th Block, Jayanagar, Bangalore, 560070

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SECTION 1:

BANGALORE WATER SUPPLY AND SEWERAGE BOARD

Office of the Executive Engineer (WWM-STP) Challaghatta Valley Division,
1st Floor, ShimshaBhavana, 46th Cross,8th Block,
Jayanagar, Bangalore, 560070

INVITATION FOR TENDER

(ONLY THROUGH KARNATAKA PUBLIC PROCUREMENT PORTAL)

www.kppp.karnataka.gov.in

IFT No: BWSSB /EE (WWM-STP)CV/PB/513/2024-25, Dt;07 .02.2025.

For and on behalf of the Bangalore Water Supply and Sewerage Board, **ITEMWAR TENDER is** invited through Karnataka Public Procurement Portal with tender procedure in line with Rule 28 of the KTPP Act by the Executive Engineer, Kaveri-Operation and Maintenance-2Division, Bangalore Water Supply and Sewerage Board, for the **Tender for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP. ,**from eligible tenderers, registered in BWSSBor in any other Government Organization.

The Tenderers are required to pay the Earnest Money Deposit through Karnataka Public Procurement Portalonly using any of thefollowing four modes.

a) Credit Card (Online Payment)
b) Direct Debit Using Internet Banking (Online Payment)
c) Remittance at the Bank Counter-Challan (Offline Payment)
d) NEFT (Online/OfflinePayment).

The Earnest Money Deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 12.1.

The Earnest Money Deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.

The details regarding the capability to undertake the tender (as detailed in Table -A below and Section -2 clause 3 of ITT) and the price schedule shall be uploaded in the website. Technical details will be opened on the date and time mentioned in ITT Section- 2 Clause -19 and evaluated. The price schedule of the Tenderer, who is found to be qualified to execute the tendered works, will be opened on the date notified later. The Tenderers are advised to note the minimum qualification criteria specified in Section -2 clauses 3 of the Instructions to Tenderers to qualify for award of the contract.

1. Tender documents may be downloaded from https://www.kppp.karnataka.gov.in website only. Interested tenderers may obtain further information at the same address.
2. Additional information related to e-procurement process can be obtained through the above-mentioned website or contact Karnataka Public Procurement Portal helpdesk No.080-2550 1216/2550 1227. The e-tender comprising Technical and Financial bids will be operated as **Two stage** Tender system.
3. The Last date and time for Receipt of tenders will be on **04/03/2025.** up to 16:00Hrs. and the date of opening of technical bid will be on **06/03/2025.** after 17:00 Hrs.

TABLE-A

Sl. No	Name of Work	Amount put to Tender	Earnest Money Deposit @ 2%	Tender Processing Fee	Period of Completion of Work	Eligibility Class of Contractor
1.	Tender for the work of Providing and Installation of 2 No's 50 HP to supply of	Rs. 53,12,614/- (Excluding GST)	Rs. 1,06,260/-	As per Karnataka Public Procureme	06 Months	Any registered Civil/Elec

	Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP.			nt Portal		trical contracto r in Govt.

The Eligibility Criterion for the above work is as follows:

- The tender is based on **TWO Cover** System.
- Contractor Should have Civil/Electrical Contractor Registration in BWSSB or PWD/BBMP/CPWD Etc.,
- To qualify for award of this contract, each tenderer in its name should have in the

  last five years (i.e., 2019-2020 to 2023-2024).

  a) Achieved in at least **Two** financial years an average annual financial turnover should not be less than amount put to tender of **Rs.62.68 lakhs.**

  b) The Tenderer Should Have Satisfactorily completed at least one similar work to an extent of **50%** of the cost of work. i.e., **Rs.31.34 lakhs (Including GST@18%).**

  c) Satisfactorily completed as prime contractor, at least one similar nature of work consisting of following specification:
    - Work of supply, installation and commissioning of 50 HP pump sets- 1 Nos.
    - Work of replacement of LT Panel – 1set, supply and installation of digital starter panel – 2 Nos.

Assessed available tender capacity = (A*N*2.5 - B) More Than Rs.62.6 lakhs

A = Maximum value of Civil/Electrical works executed in any one year during last five years taking into account the completed as well as works in progress

N = Number of years (6/12)

B = Valuable of on-going works

Liquid assets or availability of credit facilities usually 30% of the amount of contract i.e., Rs.**18.80 lakhs.**

Form of tender as per **KW-3** format to be uploaded which in Mandatory.

4. The successful bidder would be required to give performance **Bank Guarantee of 5%** of the contract amount plus additional security for unbalanced bid amount from a Nationalized/Scheduled Indian Bank, with jurisdiction at Bangalore as specified, towards guarantee for completion of work within the stipulated period

5. Applications/requisitions from joint venture Firms are not acceptable.

6. Bangalore Water Supply and Sewerage Board (BWSSB) reserve the right to cancel or annul the entire or part of this process of invitation at any time without assigning any reason.

7. For any additional information regarding the above tender, the firms who are interested to quote, may contact office of the undersigned at the office address given below on all working days during office hours (10:30hours to 17:00 hours).

8. List of documents to support qualification of bidder is to be uploaded to the KPP Portal website www.kppp.karnataka.gov.in

   Corrigendum/Addendum/Modification/corrections, if any, will be published in the Web site only.

-sd-

Executive Engineer,
(WWM-STP) Challaghatta Valley,
ShimshaBhavan, 46th Cross,
8th Block,
Jayanagar, Bangalore-560070

SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

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A. General

1. Scope of Tender

The Executive Engineer, **(WWM-STP) ChallaghattaValley,ShimshaBhavan, 46th Cross, 8th Block,Jayanagar, Bangalore-560070**, BWSSB invites tenders from Contractors registered in BWSSB or inany other government organization for the**Tender for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP.** (Hereafter it as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The tenderers may submit tenders for all of the works detailed in the table given in IFT.

2. Eligible Tenderers

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka.

2.2 **Tenders from Joint ventures are not acceptable.**

3. Qualification of the Tenderer:

3.1 All tenderers shall provide the requested information accurately and in sufficient

detail in Section 3: Form of Tender and Qualification information.

3.2 To qualify for award of this contract, each tenderer in its name should have in the last five years (i.e., 2019-2020 to 2023-2024).

a. Achieved in at least **Two** financial years an average annual financial turnover should not be less than amount put to tender of **Rs.62.68 lakhs.**
b. The Tenderer Should Have Satisfactorily completed at least one similar work to an extent of **50%** of the cost of work. i.e., **Rs.31.34 lakhs (Including GST@18%).**
c. Satisfactorily completed as prime contractor, at least one similar nature of work consisting of following specification:
   - Work of supply, installation and commissioning of 50 HP pump sets- 1 Nos.
   - Work of replacement of LT Panel – 1set, supply and installation of digital starter panel – 2 Nos.

(Obtaining Confirmation for theabove same Quantities is Mandatory)

3.3 Each Tenderer should further demonstrate:

- Availability by owning the following key and critical equipment's for this work: the relevant documents for availability for this work shall be furnished.
- Machineries/equipments/vehicles Required for executing of above said tender work
- Liquid assets or availability of credit facilities usually 30% of the amount of contract i.e., Rs.**18.80 lakhs.**

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

Assessed available tender capacity = (A*N***2.5** - B) should be more than

Rs.62.6 lakhs Where,

A = Maximum value of Civil/Electrical works executed in any one year during last five years taking into account the completed as well as works in progress

N = Number of years prescribed for completion of the works for which Tenders are invited. (6/12)

B = Value, at 2023 price level, of existing commitments and on-going works to be completed during the next one year.

Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent*.

3.2 Even though the tenderers meet the above criteria, they are subject to be disqualified if they have:

-made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or

- record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or

- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

B. Tender documents

4. Content of Tender documents

4.1 The set of tender documents shall have all the Sections given in Page 2:

4.2 Both the sets should be completed and uploaded with the tender.

5. Amendment of Tender documents

5.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.

5.2 Any addendum thus issued shall be part of the tender documents and shall be communicated in writing or by cable to all the purchasers of the tender documents.

5.3 To give prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders, in accordance with Sub-Clause 12.2 below.

C. Preparation of Tenders

6. Documents comprising the Tender

6.1 The tender submitted by the Tenderer shall comprise the following:

(a) Scanned copies of Qualification Information as per formats given in Section 3;
(b) Priced Bill of Quantities;
(c) Qualification Information Form and Documents; and any other materials required to be completed and submitted by tenderers in accordance with these instructions. The documents listed under Sections 3, 5 and 8 shall be filled in without exception.
PHOTOCOPIES OF THE DOCUMENTS SHOULD BE NOTARISED

7. Tender prices

7.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

7.2 The Tenderer shall fill in rates (Section 8) for all items of the Works described in the Bill of Quantities. Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made before submitting the tender in e portal.

7.3 All duties, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.

7.4 The rates and prices quoted by the Tenderer shall be fixed for the duration of the
Contract and shall not be subject to adjustment on any account.

8. Tender validity

8.1 Tenders shall remain valid for a period not less than ninety days after the deadline date for tender submission specified in Clause 12. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.

8.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the tenderers may extend the period of validity for a specified additional period. The request and the tenderers' responses shall be made in writing or by cable. A tenderer may refuse the request without forfeiting his earnest money deposit. A tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 9 in all respects.

9. Earnest Money Deposit

9.1 The Tenderers are required to pay the Earnest Money Deposit through e-procurement portal only using any of the following four modes.

a) Credit Card (Online Payment)
b) Direct Debit Using Internet Banking (Online Payment)
c) Remittance at the Bank Counter - Challan (Offline Payment)
d) NEFT (Online payment).

9.2 Instruments having fixed validity issued as Earnest Money Deposit for the tender shall be valid for 45 days beyond the validity of the tender.

9.3 Any tender not accompanied by an acceptable Earnest Money Deposit and not secured as indicated in Sub-Clauses 9.1 and 9.2 above shall be rejected by the Employer as non-responsive.

9.4 The Earnest Money Deposit of unsuccessful tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 8.1.

9.5 The Earnest Money Deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.

9.6 The Earnest Money Deposit may be forfeited:
(a) if the Tenderer withdraws the Tender after tender opening during the period of tender validity;
(b) if the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 19; or

(c) in the case of a successful Tenderer, if the Tenderer fails within the specified time limit to

(i) sign the Agreement; or

(ii) furnish the required Security deposit

10. Format and signing of Tender

10.1 The completed bid comprising of documents indicated in ITT 10, should be uploaded in the e-procurement portal along with scanned copies of requisite certificates those are mentioned in different sections in the bid document.

10.2 All the documents should be uploaded in e-procurement portal. Tenderer should take a print out of the declaration letter provided in the website on company letter head and should sign, stamp and upload the same to the tender.

10.3 deleted.

D. Submission of Tenders

11. Up-loading & submission of tenders.

11.1 The tenders should be uploaded only through KPP Portal Tender should
Contain

A. Technical Tender consisting of following:

a) All the documents with required details in prescribed format; those are mentioned in different sections in the Tender and shall be downloaded, filled with required details, signed, scanned & uploaded to the Karnataka Public Procurement Portalhttps://www.kppp.karnataka.gov.in .

b) The above documents along with notarized copies of documentary evidences as indicated in Section—II ITT, Section-III Qualification information & Section IV Forms of Tender shall be scanned and uploaded to the website compulsorily, failing which tender will be rejected in view of incomplete bid document.

B. Financial Tender consisting of Bill of Quantities

The tenderer shall quote their rates in KPP Portal only.

1. URL of the Website for tender submission through Karnataka Public Procurement Portal& Address for submission are as follows:

(www.kppp.karnataka.gov.in)

2. The details related to submission of tenders, downloading / uploading of documents or other details are available online in KPP

Portal website or contact **Karnataka PublicProcurement helpdesk - 080 2550 1216 / 2550 1227**

11.3 deleted

11.4 deleted

12. Deadline for submission of the Tenders

12.1 Tenders must be uploaded through Karnataka Public Procurement Portal before date and time mentioned in the Tender notification.

12.2 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 5, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

13. Late Tenders

13.1 The Karnataka Public Procurement Portal system will not allow the tenderer to upload the documents after the deadline for submission of tenders. The Tenderer shall refer the server time, which will be displayed in the KPP Portal. BWSSB will not be responsible for non-receipt of bids on the stipulated date & time, due to Internet Problems, improper uploading or any other related problems. In case of connectivity problems, Tenderer may contact Helpdesk of the e-tender service provider and may also draw the attention of tender inviting authority.

14. Modification and Withdrawal of Tenders

14.1 Tenderers may modify or withdraw their Tenders as per the e portal facility before submission of tender.

14.2 deleted.

14.3 No Tender can be modified after the deadline for submission of Tenders.

14.4 Withdrawal or modification of a Tender between the deadline for submission of Tenders and the expiration of the original period of Tender validity specified in Clause 8.1 above or as extended pursuant to Clause 8.2 may result in the forfeiture of the Earnest Money Deposit pursuant to Clause 9.

14.5 Tenderers may offer discounts for individual items by simply modifying the quoted unit price in the Bill of Quantities. All modification should be completed before the deadline for submission of tenders in website.

E. Tender opening and evaluation

15. Tender opening

15.1 The Employer will open all the Tenders through e portal in the presence of the Tenderers or their representatives who choose to attend on the date and the place specified in Clause 12. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

15.2 Withdrawal proposal shall be read out first and their bids shall not be opened.

15.3 The Tenderers names, the presence or absence of Earnest Money Deposit (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

15.4 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with Sub-Clause 15.3.

15.5 The Price Tenders of all the Tenderers including modifications for financial tenders
cannot be opened as this is programmed to open later after evaluation of the
Technicaldetails of the participating Tenderers.

15.6 The Employer will evaluate and determine whether each tender (a) meets the
eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required
earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum
qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of
qualified Tenderers.

16. Opening of Price Tender of qualified Tenderers and evaluation:

16.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the price Tenders. The Employer will open the price tender of Qualified Tenderers at the appointed time and date in the presence of the Tenders or their representatives who choose to attend. In the event of the specified

date of Price tender opening being declared a holiday for the Employer, the price tenders will be opened at the appointed time and location on the next working day.

16.2 Deleted.

16.3 The Tenderers' names, the Tender prices, the total amount of each Tender, any discounts, and withdrawals, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening. No Tender shall be rejected at Tender opening.

16.4 The Employer shall prepare minutes of the Price Tender opening, including the information disclosed to those present in accordance with Sub-Clause 16.3.

17. Process to be confidential

17.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

18. Clarification of Tenders

18.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause 20.

18.2 Subject to sub-clause 18.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

18.3 Any effort by the Tenderer to influence the Employer in the Employer’s Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers’ Tender.

19. Examination of Tenders and determination of responsiveness

19.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender (a) meets the eligibility criteria defined in Clause 2; (b) has been properly signed; (c) is accompanied by the required earnest money deposit and; (d) is substantially responsive to the requirements of the Tender documents.

19.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

19.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

20. Correction of errors

20.1 The correction of errors of bid price will not be possible as the bids are non-editable. Once the Tenderer enters the rates in figures in the Bill of quantities provided, the system will automatically generate the rate in words and calculate the amount of that item, as well as the total Bid value.

20.2 deleted

21. Evaluation and comparison of Tenders

21.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 19.

21.2 deleted.

21.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.

F. Award of Contract

22. Award criteria

22.1 Subject to Clause 24, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

23. Employer's right to accept any Tender and to reject any or all Tenders

23.1 Notwithstanding Clause 22, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

24. Notification of award and signing of Agreement

24.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

24.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of a performance security in accordance with the provisions of Clause 25.

24.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

24.4 Upon the furnishing by the successful Tenderer of the Security deposit, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

25. Security Deposit

25.1 The successful bidder would be required to give performance **Bank Guarantee of 5%** of the contract amount plus additional security for unbalanced bid amount from a Nationalized/Scheduled Indian Bank, with jurisdiction at Bangalore as specified, towards guarantee for completion of work within the stipulated period

25.2 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 24.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the earnest money deposit.

26. Corrupt or Fraudulent practices

26.1 The GOK requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK:

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.

26.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 43.2 of the Conditions of Contract.

SECTION 3: FORMS OF TENDER, AND QUALIFICATION INFORMATION

Form of Tender (sample)

Description of the Works:**Tender for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP.**

To:
Office of the Executive Engineer
(WWM-STP) Challaghatta Valley,
ShimshaBhavan, 46th Cross, 8th Block,
Jayanagar, Bangalore-560070.

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of _____ [in figures] (_____) [in letters].

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We hereby confirm that this Tender complies with the Tender validity and Earnest Money Deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Yours faithfully,

Authorized Signature:

Name&TitleofSignatory:

_____

Name of Tenderer _____

Address: ----------

Qualification Information

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer [Attach copy]

Agency in which Registered (with Registration No.) (Attach Copy)

Principalplace of business:
_____

1.2 Total value of Civil/Electrical works executed and payments received in the last five years. (Attach Certificate from Chartered Accountant)

2019 - 20_____
2020 - 21 _____
2021 - 22 _____
2022 - 23_____
2023 - 24_____

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above.

Project Name	**Name of Employer**	**Description of Work**	**Contract Number**	**Value of contract Rs. Lakhs**	**Date of issue of work order**	**Specified period of completion**	**Actual date of completion**	**Remarks explaining reasons for delay in completion of work**
1	2	3	4	5	6	7	8	9

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above:

Year	**Name of Work**	**Name of Employer**	**Quantity of work performed** $M^3/m^3/ m^3/t$	**Remarks (Indicate contract reference)**

			Earth Work	SSM/PCC	Steel	
2019–20						
2020–21						
2021-22						
2022-23						
2023-24						

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works:

Description of Work	Place& State	Contract No. & Date	Name and Address of Employer	Value of Contract (Rs. lakhs)	Stipulated period of completion	Value of works remaining to be completed (Rs. lakhs)	Anticipated Dateofcompletion
1	2	3	4	5	6	7	8

(B) Works for which Tenders already submitted:

Description of Work	Place & State	Name and Address of Employer	Estimated value of works (Rs. lakhs)	Stipulated Date period of completion	when decision is expected	Remarks if any
1	2	3	4	5	6	7

1.4. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

Item of Equipment	Requirement			Owned and available		Remarks
	No.	Capacity	Owned	Number/ Capacity	Age/ Condition	

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;
1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.
1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.
1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:
1.3 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

Agreement Form (sample)
Agreement (As per Latest GoK Circular)

This agreement, made the _____day of _____20_, between _____[name and address of Employer] (hereinafter called "the Employer") of the one part and _____ [name and address of contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute _____ [name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum

as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
   i) Notice to proceed with the works;
   ii) Contractor's Tender;
   iii) Contract Data;
   iv) Conditions of contract (including Special Conditions of Contract);
   v) Specifications;
   vi) Drawings/Photographs;
   vii) Bill of Quantities; and
   viii) Any other document listed in the Contract Data as forming part of the contract.
   ix) LOA

5) Payment Conditions: Payments will be made after completion of the work satisfactorily,
   12months guaranty from the date of completion of work.
6) Jurisdiction of Courts/ Arbitration:
   The sitting of arbitration shall be held at Bangalore only and nowhere else.
7) Dispute of any kind arising out of the contract shall be resolved within the jurisdiction of Bangalore city only and the parties agree and clearly understand that the courts/tribunals situated at Bangalore Metropolitan City have exclusive jurisdiction for the redressal of the disputes arising out of the contract and at no other place.
8) The parties further agree and understand that the place or places of issue of bank guarantee other than Bangalore will have no jurisdiction to resolve dispute of any kind relating to enforcement of the bank guarantees submitted by the contractor at Bangalore for the execution of the contract at Bangalore.
9) The contractor shall comply with all the legal requirements in the matter of employment of workmen and provide all safety gadgets to the workmen while working in the hazards place or conditions during the execution of the contract.
10) Contractor shall be fully responsible in the event of death of employee/workman during the execution of the work and liable to pay adequate compensation to the dependents of employee/workman as per law.
11) On his/their failure, if the board is made to pay compensation the same shall be recovered by the Board from the contractor out of the amounts due to the contractor or by appropriate legal action.
12) If death of any employees occurs during execution of work due to negligence of contractor, the contract will be liable for termination.
13) In the event of such termination, the employer may consider blacklisting of firm after due notice.

14) In case of any death or accident the contract will be cancelled after following due process.
15) The board will be entitled to claim exemplary damages from the contractor in case of death of any work man/employees of the contractor in any of the BWSSB works as it damages the reputation of the board.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____was hereunto affixed in the presence of:
Signed, Sealed and Delivered by the
said_____

in the presence of:
Binding Signature of Employer
_____
Binding Signature of Contractor
_____

BANKER'S CERTIFICATE

This is to certify that M/s. ..... is a reputed company with a good financial standing. If the contract for this work, namely ..... (name of the work) is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs. ..... to meet the working capital requirements for executing the above contract

Sd/-
Name of the Bank, Senior Bank Manger
Address:.....

Letter of Acceptance (letterhead paper of the Employer)
_____[date] To:
_____
[name and address of the Contractor] Dear Sirs, This is to notify you that your Tender dated _____ for execution of
the_____
_____ [name of the contract and identification number, as given in the
Instructions to Tenderers] for the Contract Price of Rupees ——
_____ (_____)
[amount in words and figures], as corrected and modified in accordance

with the Instructions to Tenderers is hereby accepted by our Agency. You are hereby requested to furnish Security deposit, in the form detailed in Para 25.1 of ITT for an amount of Rs.————— within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period i.e. up to ..... and sign the contract, failing which action as stated in Para 25.4 of ITT will be taken.

Yours faithfully,
Authorized Signature
Name and Title of Signatory Name of Agency

Issue of Notice to proceed with the work (letterhead of the Employer)

————— (date) To ——————————————— (name and address of the Contractor)
——————————————— ——————————————— Dear Sirs:
Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 25.1 and signing of the contract agreement for the construction of ————————— 27a Tender Price of Rs. ————————, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,
(Signature, name and title of signatory
authorized to sign on behalf of Employer)

SECTION 4: CONDITIONS OF CONTRACT

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Conditions of Contract

A. General

1. Definitions

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.
Compensation events are those defined in Clause 34 hereunder.

The Completion Date is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 38.1.

The Contract is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.3 below.

The Contract Data defines the documents and other information which comprise the Contract.

The Contractor is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.

The Contractor's Tender is the completed Tender document submitted by the Contractor to the Employer.

The Contract price is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

Days are calendar days; months are calendar months.

A Defect is any part of the Works not completed in accordance with the Contract.

The Defects liability period is the period named in the Contract Data and calculated from the Completion Date.

The Employer is the party who will employ the Contractor to carry out the Works.

Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to execute the Works.

The Initial Contract price is the Contract Price listed in the Employer's Letter of Acceptance.

The Intended Completion Date is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.

Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.

Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.

The Site is the area defined as such in the Contract Data.

Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.

The Start Date is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.

A Subcontractor is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.

A Variation is an instruction given by the Employer which varies the Works.

The Works are what the Contract requires the Contractor to execute, install, and turn over to the Employer, as defined in the Contract Data.

2. **Interpretation**

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:
(1) Agreement
(2) Letter of Acceptance, notice to proceed with the works
(3) Contractor's Tender
(4) Contract Data
(5) Conditions of Contract
(6) Specifications
(7) Drawings
(8) Bill of quantities and
(9) any other document listed in the Contract Data as forming part of the Contract.

3. **Law governing contract**

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. **Employer's decisions**

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. **Delegation**

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. **Communications**

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. **Subcontracting**

7.1 The Contractor may subcontract with the approval of the Employer but may not assign the Contract without the approval of the Employer in writing. Subcontracting does not alter the Contractor's obligations.

8. **Other Contractors**

8.1 The Contractor shall co-operate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. **Personnel**

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor’s staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. **Employer’s and Contractor's risks**

10.1 The Employer carries the risks which this Contract states are Employer’s risks, and the Contractor carries the risks which this Contract states are Contractor’s risks.

11. **Employer's risks**

11.1 The Employer is responsible for the excepted risks which are (a) in so far as rebellion, riot commotion or disorder or (b) a cause due solely to the design of the Works, other than the Contractor’s design.

12. **Contractor’s risks**

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. **Queries about the Contract Data**

13.1 The Employer will clarify queries on the Contract Data.

14. **Contractor to construct the Works**

14.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

15. **The Works to be completed by the Intended Completion Date**

15.1 The Contractor may commence execution of the Works on the Start Date and complete them by the Intended Completion Date.

16. **Safety**

16.1 The Contractor shall be responsible for the safety of all activities on the Site.

17. **Discoveries**

17.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

18. **Possession of the Site**

18.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

19. **Access to the Site**

19.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

20. **Instructions**

20.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

B. Time Control

21. **Program**

21.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

21.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

22. **Extension of the Intended Completion Date**

22.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

22.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor

asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

23. **Delays ordered by the Employer**

23.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

24. **Management meetings**

24.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

24.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

25. **Identifying defects**

25.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect

26. **Tests**

26.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

27. **Correction of defects**

27.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

27.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer’s notice.

28. **Uncorrected defects**

28.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

D. Cost Control

29. **Bill of Quantities (BOQ)**

29.1 The BOQ shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.

29.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

30. **Variations**

0.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);
(b) Omit any item of work;
(c) Change the character or quality or kind of any item of work;
(d) Change the levels, lines, positions and dimensions of any part of the work;
(e) Execute additional items of work of any kind necessary for the completion of the works; and
(f) Change in any specified sequence, methods or timing of construction of any part of the work.

30.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

30.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

30.4 The Contractor shall promptly request in writing the Employer to confirm verbal orders and if no such confirmation is received within 15 days of request, it shall be deemed to be an order in writing by the Employer.

31. **Payments for Variations**

31.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

31.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from, in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

31.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

31.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 31.1, 31.2 or 31.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

31.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer’s own forecast of the effects of the Variation on the Contractor's costs.

31.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

31.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

32. **Submission of bills for payment**

32.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.

32.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

32.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

33. **Payments**

33.1 Payments shall be adjusted for deductions for retention, other recoveries in terms of the contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor the within 60 days of submission of bill.

33.2 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

34. **Compensation events**

34.1 The following are Compensation events unless they are caused by the Contractor:

(a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.

(b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.

(c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.

(d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.

(e) The effect on the Contractor of any of the Employer's Risks.

(f) The Employer unreasonably delays issuing a Certificate of Completion.

(g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

34.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

34.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer's own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

34.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

35. **Tax**

35.1 The rates quoted by the Contractor shall be deemed to be inclusive of the sales and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law. (Tenderer should Coat the rates Exclusive of GST)

36. **Liquidated damages**

36.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

36.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

37. **Cost of repairs**

37.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. <u>Finishing the Contract</u>

38. **Completion**

38.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

39. **Taking over**

39.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

40. **Final account**

40.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of

receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor’s revised account.

41. **As-built drawings**

41.1 Not applicable.

41.2 Not applicable.

42. **Termination**

42.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

42.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) The Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;

(b) The Employer instructs the Contractor to delay the progress of the Works and the instruction is not withdrawn within 60 days;

(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

(d) a payment due to the Contractor is not paid by the Employer within 90 days of the date of the submission of the Bill by Contractor;

(e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;

(f) the Contractor does not maintain a security which is required;

(g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and

(h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.

For the purpose of this paragraph: “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior

to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

42.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 42.2 above, the Employer shall decide whether the breach is fundamental or not.

42.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

42.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

43. **Payment upon Termination**

43.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

43.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

44. **Property**

44.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a contractor's default.

45. **Release from performance**

45.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made.

F. Special Conditions of Contract

1. **Labour :**

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. Compliance with labour regulations:

During continuance of the contract, the Contractor and his subcontractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. Protection of Environment:

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all

existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

SECTION 5: CONTRACT DATA

The following documents are also part of the Contract: Clause Reference

The Employer is:

Office of the Executive Engineer (WWM-STP) Challaghatta Valley, ShimshaBhavan, 46th Cross, 8th Block, Jayanagar, Bangalore-560070.

The name and identification number of the Contract is [1.1]

No.BWSSB/EE(WWM-STP)CV/PB/ 513 /2024-25, Dt: 07.02.2025.

The Works consist of **Tender for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to VidhanaSoudha, VikasaSoudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP.**

The start date shall be the date of issue of notice to proceed with the work/Work order.

[1.1]

The Intended Completion Date for the whole of the Works is 06 months from the date of issue of letter of commencement/work order [15, 22]

The following documents also form part of the Contract: [2.2]

The Site Possession Date is: date of issue of Work Order [18]
The site (Pumping station) is located at 4 MLD TTP at Cubbon, Kasthurba Road, Opp. to Kanteerava Indoor Statdium, Sampangirama Nagar, Bangalore,

The Defects Liability Period is 365 days from the date of actual Completion of work. [27]

The Liquidated Damages for the whole of the works are 0.1% per day on the contract
value of the work [36]

The maximum amount of liquidated damages for the whole of the works, [36]
if the work is abandoned, is ten percent of final contract price.

The following events shall also be fundamental breach of the contract: [42.2]

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.

The percentage to apply to the value of the work not completed representing the Employer'sadditional cost for completing the Works shall be 30 percent. [43.1]

SECTION 6: SPECIFICATIONS / SCOPE OF WORK

As per the descriptions mentioned in the bill of quantities.

SECTION 7: DRAWINGS

SECTION 8:BILL OF QUANTITIES

SCHEDULE-B

Estimate for the work of Providing and Installation of 2 No's 50 HP to supply of Eco Friendly Treated water to the Bulk Consumers through Pipeline to Vidhana Soudha, Vikasa Soudha, High Court, Cubbon Park, Bangalore Golf Club and Horticulture Department including all other allied works, VFD Panel Boards and HT Cables from Cubbon Park 4 MLD TTP

Sl. No.	Description	Unit	Qty	Rate
1	1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 - 240 Sqmm, 3.5 Core, (30 GI Strips - 4 x 0.8 mm)	Km	0.3	
2	95 Sqmm, 3.5 Core, (21 GI Strips - 4 x 0.8 mm)	Km	0.2	
3	50 Sqmm, 3.5 Core, (16 GI Strips - 4 x 0.8 mm)	Km	0.3	
4	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. In all kinds of soils. Depth upto 1.50m	m3	288.0	
5	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff 120 to 240 Sqmm -	km	0.3	
6	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff 35 to 95 Sqmm	km	0.5	
7	Providing M-Sand : Supplying and filling in plinth, foundations / UG cable work with approved M-sand including watering, ramming, consolidating and dressing. The rate includes the cost of material, labour charges, required tools and plants etc., complete. Work shall be carried out as per the instructions of Engineer- in-charge of works as per the standard procedure.	m3	36.0	
8	GI Grounding pipe, B - Class, 42 mm dia, 2.5 Mtr long, 3.2 mm thick with bolt, nut, GI Strips and washer completeMinimum Weight of GI Pipe: 7.3 Kg.	No	4.0	
9	Heavy Duty Copper Terminal Long Barrel 240 Sqmm Copper Terminal, Apprx Wt: 218 Gm	No	16.00	
10	Heavy Duty Copper Terminal Long Barrel 95 Sqmm Copper Terminal, Apprx Wt: 58 Gm	No	24.00	
11	Heavy Duty Copper Terminal Long Barrel 50 Sqmm Copper Terminal, Apprx Wt: 26 Gm	No	48.00	
12	Full Threaded Bolt & Nut as per IS-1367 GI 16x100 mm	MT	0.05	

13	Replacemetnt of not working starter panels for 25HP pumpsets with VFD panel	Job	3	
14	Replacemetnt of not working starter panels for 50HP pumpsets with VFD panel	Job	2	
15	Supply and installation of LT distribution panels suitable for VFD panels and pump protections and overload protection etc	Job	1	
16	repair, rewinding and replacement of bearings, bush and other spares for 50HP MBH make submersible pumpset	Job	1	
17	Supply and installation of submersible type 50HP pumpset, 415V, 50Hz power supply operated.	Each	1	
18	Supply and installation of submersible type 30HP pumpset, 415V, 50Hz power supply operated.	Each	1	
19	Earth work excavation for pipeline trenches in all kinds of soils by mechanical means above 600 mm trench width as per drawing and technical specifications, including setting out, construction of shoring, strutting, barricading, caution lights, bracing, using sight rails & boning rods at every 100 mm whevere necessary as directed, removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench to the extent required , utilising the available excavated earth locally for the work etc., and all other appurtenances complete in the following strata. All kinds of soils. =7*5*1.5Depth upto 1.50 m	Cum	52.5	
20	Depth exceeding 1.5 m, but not exceeding 3 m	Cum	52.5	
21	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	Cum	10.5	
22	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	M3	52.5	
23	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification.	Ton	2.000	
24	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Cum	21.60	
25	Providing and laying in Reinforced cement concrete for all	M3	21	

	Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates			
26	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 L per 50 kg of cement or as per direction of Engineer incharge	sq. m	35.00	
27	Providing 15 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	m2	108.00	
28	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications	Cum	105.00	
29	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge	m2	3.75	
30	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer: Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kgs	500	
31	Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or	M2	41.25	

	curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge. =13*7 0.63 mm thick with zinc coating not less than 275 g/ m^2			
32	Providing and fixing M.S. rivets of sizes in position including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge	Kgs	30.00	
33	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. For Trusses	Kgs	500.00	
34	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm	m	50	
35	Providing White washing with lime to give an even shade :New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineerin-charge	m2	216	
36	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m^2) over and including priming coat of exterior primer applied @ 2.20kg/10 m^2 to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drop sand foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	m2	108	
37	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 ltr/10 m^2 over and including one coat of Special primer applied @ 0.75 ltr /10 m^2 with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	m2	108	
38	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 4 sqmm -	mtr	168	
39	2.5 sqmm -	mtr	336	
40	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, junction box, elbows, screws at an interval of 300mm .... etc. as required. - 32mm	Mtr	84	
41	Supplying and Fixing of.....mm dia class A GI pipe bracket upto 2 ms long bent at suitable angle and fixing to this bracket 1x40/2x40 W fluorescent tube street light fitting of all capacities to GI or GI or rail or RCC pole / wall using suitable clA, bolts, and nuts and wiring using suitable capacity wires	Each	4	

	Using 32mm dia G.I.Pipe			
42	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 8Way -	Each	2	
43	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598,LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>1301m/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect LED Streetlight 120 W (PWD ELE SR 2023-24 pageno:46, slno:11.8.5)	No	4	
44	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 8 Module -	Each	2	
45	16Amps one way switch -	Each	12	
46	6/16Amps universal socket	Each	12	
47	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 - 40 A TPN-	Each	1	
48	6-32 Amps DP (PWD ELE SR 2023-24 pageno:17, slno:5.18.4)	Each	4	
49	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fitting 1 x 4' - 36/40 W	Each	6	
50	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076” twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall /	Each	10	

	ceiling / Rafter / Girders			
51	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Long point above 6m upto 10m from tapping point to out let via switch -	point	12	
52	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	point	15	
53	Stepped Fan Regulator Two Module -	Each	1	
54	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.12" Sweep (300 mm)	Each	2	
55	Supplying wall mounting fan suitable to operate at single-phase 230v AC. supply.12" Sweep (300 mm) -	Each	1	
56	Fixing a ceiling /wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 A. ceiling rose of approved quality with necessary length of 23/0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired.	Each	2	
57	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 A. ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire.	Each	4	
58	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade l Type ll, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge: Pre-laminated particle board with decorative lamination on both sides including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	m2	1.69	
59	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5 mm thickness (weight not less than 12.50 kg/m^2) including cost of materials, labour, usage charges of machinery complete as per specifications.	m2	3.38	
60	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600 Upto 10 mm depth and 10 mm width including cost of materials, labour, usage charges of machinery complete as per specifications.	m2	11.18	
61	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard	Kg	80	

	tubular sections/ appropriate sections and other sections of approved make conforming to IS: 733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) :For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) including cost of materials, labour, usage charges of machinery complete as per specifications.			
62	Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. comple	No	3	
63	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. complete	No	2	
64	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5m long buried in a pit . The pit should be filled with equal proportion of salt and charcoal 150 mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per lSI specification 7.3.3. of IS 732 using 12 mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	No	10	
65	GI/Copper strips for grounding connections, using necessary fixing materials as required.25 x 6 mm GI strip	m	120	
66	600 x 600 x 3 mm Copper plate	each	10	
67	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kgs	500	
68	2 mm thick perforated cable GI tray with on existing MS angle support using necessary GI bolts/nuts and washer or welding as required. 150 x 50 mmm-	m	50	
69	Manufacturing, providing, trasporting, rolling, lowering, laying, jointing & testing and commissioning of MS specials of minimum 8mm thick such as bends, tail pieces, reduces etc. conforming to IS-7322:1985 with latest amendments and including perfect linking and welding of joints to correct position includng cost and conveyance of materials with all lead and lifts, cost all labour and giving satisfactory hydraulic test as per IS:3589:2001 with latest amendments for test	Kgs	1000	

	pressure and working pressure both at factory and site etc. complete as per detailed specifications with inside lining two coat of food grade epoxy painting of approved make with Each coat of 250 micron thick (after dry) over one coat of food grade epoxy primer of approved make with minium of 50 micron thick (after dry) and outside 25mm thick coating in CM 1:3 by providing 50x50mm weld mesh including loading and unloading of the pipes for the following category to suit PSC / MS / CI / AC / DI / PVC pipes. The weight of MS shell only by considered before lining and coating for arriving at the rate. The thickness of plate will be specified by the engineer. (Contractor will make his own arrangements for procuring water for testing for: Note: 1) For small works where the C.M. lining is not practicable for inside surface of the pipe, food grade expoxy painting of two coat over one coat of epoxy primer may be proposed and got approved. 2) The above rates are applicable only for pipe works etc. complete - Pipe bends,branches, tail pieces, reducers etc. for upto 500mm dia pipes			
70	Supply and installation of 1kg Stored Pressure Type, Pressure Guage, Gross Weight 2.7 Kg, empty weight 1.7 Kg, Can Height 344MM, Diameter 108MM, Discharge Time less than 8 Sees, Controllable discharge mechanism (Squeeze grip with easy snap safety seal), Range minimum 4 meters, applicable onClass A,8 and electrically started Fire, 8 Rating 898, Can construction : Deep drawn & Co., Mig welded, valve Construciton: Forging and Mechining, Internal Coating of Can: Epoxy powder coating, External Coating of Can: Epoxy Polyster power coating, Sheet metal thickness: 1.60 MM, IS 15683 and CE Approved. 5 years warranty. with instalert system with Superior quality EPDM Rubber Hosepipe etc., including cost of materials, labour, usage charges of machinery complete as per specifications. complete Providing 2 Kg Fire Extinguisher Powder based	Each	3	
71	Supply and installation of 2 Kg C02 Gas Type Fire Extinugisher Squeeze grip type, used Unused Mechanism, Squeeze Grip, Gross Weight 9.1 Kg. empty Weight 7.1 Kg. Can Height 595MM Diameter 108MM, Discharge Time less than 8 Sees, Controllable discharge mechanism, Applicable on Class 8&C Fire, 8 Rating 88, Can Construction : Hot spinning/Forging, Valve Construction : Forging & Machining, Internal Coating of Can : Not Applicable, External coating of Can : Spray Painting, Sheet metal thickness:4.0MM lSI Approved, 1 Year Warranty.with instalert system with Superior quality EPDM Rubber Hosepipe etc., including cost cost of supporting materials like MS stand & accessaries if it is fixing n floor / MS brackets & accessories if it is fixing on wall,, labour, usage charges of machinery complete as per specifications. complete	Each	2	
72	Supplying of two bucket stand alongwith buckets. Complete	Each	1	
73	Supplying of Hand gloves. Complete	Each	1	
74	Supplying of first aid box. Complete	Each	1	
75	Supplying of FIRST AID CHART with lamination. Complete	Each	1	
Note:-				

(1) All the works should be carried out as per KPWD Hand Book and as per the specifications of the Division and as directed by the Engineer in Charge.

(2) The Board reserves the right to bifurcate the work and entrust if warranted and if found expeditious and advantageous to the Board at the lowest approved rate.

(3) Royalty/ WCT/ IT/ SD and any other Taxes as per the rules will be recovered from the bills.

(4) Rates should be quoted by the contractor on **ITEM WAR BASIS** both in figures and words with Excluding of Tax+

SECTION 9: FORMAT OF UNCONDITIONAL BANK GUARANTEE

To: _____ [name of Employer]

_____[address of Employer] WHEREAS _____ [name and address of Contractor] (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs._____ [amount of guarantee] Rupees_____ _____[in words], and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

SECTION10: PRICE SCHEDULE